

May 2, 2001

MEMORANDUM TO: William H. Bateman, Chief
Materials and Chemical Engineering Branch
Division of Engineering

FROM: Edmund J. Sullivan, Chief */ra/*
Component Integrity & Chemical Engineering Section
Materials and Chemical Engineering Branch
Division of Engineering

SUBJECT: SUMMARY OF MARCH 12, 2001, TELEPHONE CONFERENCE
BETWEEN NRC AND NEI REGARDING STEAM GENERATOR
ISSUES RELATED TO NEI 97-06

On March 12, 2001, a telephone conference was held between Emmett Murphy, Edmund Sullivan, and Bob Tjader of the NRC, Jim Riley of NEI and other industry representatives.

This summary is organized by the five agenda items discussed during this call:

1. NRC prioritization of issues in the issue matrix developed for and included in the summary of the NRC/NEI meeting of SG held on December 20, 2000.

Regarding this issue, Mr. Murphy explained his rationale for the prioritizations he assigned. These prioritizations are indicated in the attachment to this summary as 1, 2, or 3, where 1 is the highest priority. As part of the agenda item, Mr. Murphy reflected NRC interest in receiving information on the record from NEI addressing industry actions being taken in response to the IP2 lessons learned task group recommendations, specifically on items that relate to improving the NEI 97-06 industry initiative. This information will be important to cite in the NRC safety evaluation of this initiative.

2. NRC concern regarding SG operability and the performance criteria in the technical specifications in the proposed generic change package

This agenda item is a continuation of discussions on this topic from previous meetings. Mr. Murphy and Mr. Tjader presented NRC views on the technical specifications and technical requirements manual in the December 11, 2000, generic change package with respect to this agenda topic. Mr. Riley of NEI indicated that he would take the initiative to develop changes to respond to NRC concerns and circulate those changes for industry review and comment.

3. NRC/NEI protocol for addressing outstanding technical issues

This agenda item is a continuation of discussions on this topic from previous meetings. NRC staff agreed to develop a specific set of points that it believes should be addressed in a protocol document and provide those comments to NEI for further clarification of its view on such an

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agreement. This set of points was provided in the summary of the NRC/NEI working meeting on SG that was held on February 28, 2001, and issued on March 22, 2001, (ML# 010870594).

4. EPRI Steam Generator Management Program Review Board Interpretations

This topic relates to a letter from NEI dated November 9, 2000, on this topic. An industry representative explained relevant background on the industry program to provide the industry with interpretations or answers to questions from EPRI members on the industry SG guidelines. Mr. Murphy provided specific comments related to consideration of uncertainties in selection of in-situ test candidates. These comments will be documented in a forthcoming NRC letter to NEI to be issued on this topic.

5. Schedule for the next working level meeting

It was agreed that a telephone call would be held on March 30, 2001, and that a working level meeting should be scheduled for April 26, 2001. The telephone call was subsequently rescheduled for April 6, 2001.

Project 689

Attachment: As stated
cc: J Riley, NEI

William H. Bateman

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cc: JRiley, NEI

Distribution:

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Issue Matrix

Topics	Issues	Description - Priority	NEI Coord	NEI 97-06	NEI Chng Pkg	Indstry/ EPRI GLns	Lic'see Action	NRC Act'n	NRC Over- Site	NRR Proced	NRC Inspect Proced
Indian Point 2											
	LL 1	Correct deficiencies					X				
Assessment of Degradation Mechanisms											
	RIS 1	Consideration of relevant operating experience 2		X		X					
	RIS 2	Assess root cause for all degradation mechanism 2		X		X					
	LL 2e	Inspection for hourglassing and its implications 2				X					
	LL 2f	Definition of significant hourglassing 2				X		X			
	LL 2k	Prudent measures upon finding of new deg mech 2		X		X					
	LL 2l	Tube integrity implications of new mechanisms 2		X		X					

Attachment

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NDE Data Quality											
	RIS 3 LL 2a	Need for data quality and accept criteria 1				X					
	LL 2b	Data quality for new tubing 1				X					
	LL 2c	Use of noise minimization techniques 2				X					
NDE Qualification											
	RIS 4	Use realistic flaws 1				X					
	RIS 5 LL 2d LL 2g	Site-specific qualification 1				X					
NDE Data Analysis											
	LL 2n	Computer data analysis 3				X					
Pressure Testing											
	RIS 6 LL 2h LL 2i	Insitu test screening criteria 1				X					

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	RIS 7	Assessment of test results 1				X					
	RIS 8	Pressurization rate 1				X					
Operational Assessment											
	RIS 9	Fractional flaw methodology 1				X					
	RIS 10 LL 2m	Benchmarking 1				X					
	LL 2m	Predictive models for PWSCC 3				X					
	RIS 5 LL 2i	POD and sizing accuracy 1				X					
	LL 2j	Growth rates 2				X					
	LL 2l	New degradation mechan 2				X					
Technical Specifications											

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	other	Surveillance requirement in SR 3.4.13.2 3			X						
	LL 3a	Update to reflect current knowledge 3		X	X	X					
	LL 3b	Adequacy of oper leakage limits 3		X	X	X					
NEI 97-06 Initiative											
	LL 4a	Contractor oversight 3		X		X					
	LL 4b	Feedback - Application by licensees of IP2 LL 1	X								
	LL 4c	Feedback - planned changes to NEI 97-06 initiative 1	X	X	X	X					
	LL 7	Expedite review of NEI 97-06 and EPRI guidelines						X			
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	LL 8	Issue interim NRC position on industry guidance and highlight prog weaknesses						X			
NRC Actions											
	LL 5a	develop addit NRC inspection guidance									X
	LL 5b	Develop training requirements for NRC inspectors									X
	LL 5c	Avail of SG expertise								X	
	LL 5d	Coordination of NRR outage phone calls with NRC inspections								X	X
	LL 5e	Develop inspection or PI's to flag adverse leakage trends							X		X
	LL 5f	Establish PIs or SDPs threshold for further NRC attention							X		X
	LL 5g	Ensure relevant tech info is considered during inspect								X	X

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	LL 6a	Develop guidance for reviewers								X	
Licensing Review Process											
	LL 6b	SE content								X	
	LL 6c	Review guidelines for TS req'd informational reports							X	X	X
	LL 6d	Guidelines for regional input during SE development								X	
	LL 6e	Develop process for requesting independent RES review of NRR SE								X	
Risk											
	LL 9	Incorporate IP2 experience into planned risk commun initiative						X			